



Service Description: **Publish NED Changes Web Service**

Version #	Change Description	Owner
1.0	Initial Version	Bill Jones

Purpose

The purpose of this document is to provide a general description of the Publish NIH Enterprise Database (NED) Changes Service.

General Description

This service looks for changes to NED records that were made during the day and publishes them to specific Java Messaging Service (JMS) topics. This capability can be used by applications that need to synchronize their databases with the NED. To use this capability, the receiving application must be active and have subscribed to the appropriate topic. Note, see the NED Change Service documentation to extract NED changes through a web service rather than a published event.

Publishing Frequency

The Publish NED Changes event is executed every day just before midnight.

Published Schema

The NED changes are published with the following schema:

NIH_ID	The NIH Id of the record
ACTION	Action is one of the following <ul style="list-style-type: none">• Left NIH• New at NIH• Modified• Transferred from <i>ICa</i> to <i>ICb</i>
WHEN_DATE	Date of the action
AGENCY	IC of the person
FIRSTNAME	First name of the person
LASTNAME	Last name of the person
STATUS	One word description for ACTION, new, left, modified, or transferred
ICA	The IC that the person now resides in. For transfers, it is the “to” IC
ICB	For transfers only, it is the “from” IC.
NIHSITE	The NIHSITE value from the NED record

For transfers, two records will be generated, one with AGENCY being the “from” IC, and one with AGENCY being the “to” agency. In both records, ICa will be the “to” IC, and ICB will be the “from” IC.

Example of a published change record – The following record would be generated if Thomas Smith or NCI residing on the main campus, NIH ID 0010114278, left NIH on 03/01/2007:

- 0010114278
- left NIH

- 2007-03-01
- NCI
- THOMAS
- SMITH
- left
- NCI
- (blank)
- MD-BTH

Contact Information

For additional information on this capability (including usage), contact CITISCAadmins@mail.nih.gov.